KUNAL UTTAM

Delhi | +91 6396810512 | kunaluttam20@gmail.com | Linkedin | Portfolio

EDUCATION

Thapar Institute of Engineering and Technology   *Sept 2020 - Jun 2024*
Bachelor of Technology in Computer Science | CGPA - 7.18/10   Patiala, Punjab

12th-Delhi Public School   *Mar 2019 - Mar 2020*
Percentage - 88.00%   Mathura, Uttar Pradesh

INTERNSHIPS & WORK EXPERIENCE

Business Development Executive   *Aug 2024 – Dec 2024*
GoldenFlitch   Gurgaon, Haryana
— Oversaw project coordination, facilitating seamless operations by managing **client interactions** and acting as a intermediary between clients and the company.
— Developed **product workflows** and comprehensive proposal documentation, leading meetings to align services with client requirements.

Business Development Intern   *Feb 2024- Aug 2024*
DigiMantra Labs   Mohali, Punjab
— Engaging on meets and calls with potential clients and designing **Product workflow** documents in order to provide the required service to the client.
— Creating **pitches and proposals** to generate leads from various work marketplace and Outsourcing platforms demonstrating **effective communication** and **market insight**.

Machine Learning Intern   *June 2022- Aug 2022*
Indian Oil Corporation Limited   Najibabad,Uttar Pradesh
— Led the development of a machine learning model that predicted power generation by solar cells based on varying weather conditions.
— Used LSTM model to analyse the energy consumption patterns with **92% accuracy**.

SKILLS

- **Languages** — C, C++, Python, HTML, CSS, JavaScript, MySQL
- **Core Knowledge** — Data Structures, Operating Systems, DBMS, OOPS, Machine Learning, Generative AI
- **Tech Stack** — MongoDB, React, Node.js, XCode, Linux, Bash Scripting,Redis, Prisma
- **Tools** — Git, VScode, Jupyter Notebook, Google Colab, Docker, AWS, VirtualBox

PROJECTS

CIPHER-BOT | RAG-based AI Chatbot ⌂
- Developed a **RAG-based** chatbot using LangChain.js and **Mistral AI** to process user queries with real-time NLP, improving response accuracy and conversational flow.
- Integrated Redis for session-based caching to optimize response time, ensuring fast and efficient user interactions.
- **Tech Stack Used:** JavaScript, Next.js, LangChain.js, Mistral AI, Redis.

TOPIC TRACKER | AI-Powered Topic Monitor ⌂
- Built a **web crawler-based** system to track updates on user-defined topics across **Reddit, YouTube and google search**, summarizing content using LLMs.
- Implemented periodic summarization using chatgpt api for ntermediate summaries and **Mistral AI** for cumulative summaries, stored and served results via **MongoDB**.
- **Tech Stack Used:** Python, MongoDB, LangChain, ChatGPT API (OpenAI), Mistral AI API, Reddit API, YouTube API, Google Search API (RapidAPI), Task Scheduler

DOC-CRAWLER | Intelligent Document Scraper ⌂
- Developed a modular web document crawler to extract and summarize technical content from URL pages, organizing results in a **hierarchical folder structure** for better navigation and access.
- Built a Streamlit interface and used the **OpenAI API via RapidAPI** to generate contextual summaries of the parsed content.
- **Tech Stack Used:** Python, Streamlit, Requests, BeautifulSoup, OpenAI API (via RapidAPI), Modular Design Pattern.

CERTIFICATIONS

AWS Machine Learning Foundation | Udacity   *Oct 2022*
System Administration and IT Infrastructure Services | Google   *July 2022*
McKinsey Forward Program | McKinsey   *July 2025*

ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Semi-finalist for **FLIPKART-GRID** in 2023.
- Honored with the **Ramanujan Medal** 2018 and the **Ramanujan Cup**, Delhi Public School, Mathura - 2020.
- Ranked 23rd within university and secured **national rank 2730** in CodeKaze 2023 by Coding Ninjas.